

ABSTRACT

A compact, modular, portable vehicle lifting and holding apparatus comprising either an individual lifting tower assembled from independent components, or one or more pairs of independent lifting tower assemblies interconnected by torsionally stiff support crossmembers, thereby forming a complete apparatus. Each lifting tower assembly is provided with redundant lifting carriage locking features, lifting means comprising a cable pulling device of conventional type, and further provided with ground traversing means whereby said complete apparatus is capable of ambulatory motion while supporting a load. Said apparatus includes means to engage and elevate a vehicle body independent of its frame, or elevate an entire vehicle or part thereof in a horizontal position relative to the level surface supporting said apparatus, thereby facilitating restoration, repair, and customization processes. Said complete apparatus has dimensions allowing operation within the confines of a conventional one-car residential garage, and disassembles completely for compact storage or transport.